

SYSTEMS AND METHODS FOR SOFT HANDOFF AND OTHER
DIVERSITY COMMUNICATION USING BASE STATIONS
SUPPORTING COMMON RADIO CONFIGURATIONS

ABSTRACT OF THE DISCLOSURE

A wireless terminal and a first node communicate according to a first radio configuration of a first set of radio configurations supported by the first node. A second radio configuration that is available for a second node that supports a second set of radio configurations that is different from the first set of radio configurations is then identified. The wireless terminal and respective ones of the first and second nodes then simultaneously communicate according to the identified second radio configuration. In other embodiments, a wireless terminal is handed off from a first base station to a second base station based on a determination of whether a common radio configuration is available for the first and second base stations. Related wireless communications systems and wireless terminal apparatus are also described.